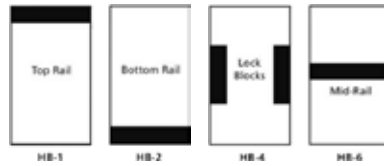


- **TOP RAIL:#**  
1-3/8" Structural Composite Lumber (SCL) with surface applied intumescent (as shown)  
3" GP Firestop™ at 45-minute pairs.
- **VERTICAL STILES:#**  
1-3/8" Structural Composite Lumber (SCL) with matching laminate or hardwood edge,  
3" GP Firestop™ meeting stiles for 45-minute pairs.
- **CORE:#**  
Agrifiber Board, ANSI A208.1, grade 1-LD-1  
70% of door construction weight, composed of pre-consumer recycled, rapidly renewable material.
- **CROSSBANDS:**  
High Density Fiber (HDF) or no added urea-formaldehyde High Density Fiber (HDF)\*  
20% of door construction weight, composed of pre-consumer recycled material.
- **LAMINATE FACES:**  
Horizontal grade - standard (HGS)
- **FINISHED THICKNESS:**  
1-3/4" (± 1/16")
- **BOTTOM RAIL:#**  
1-3/8" Structural Composite Lumber (SCL) (as shown) or 1-1/2" GP Firestop™  
for 45 minute pairs.

All dimensions shown are nominal before sanding, trimming and prefitting within industry standards. Specifications may be changed at manufacturer's option. Prefit and stock sizes available

#Contain no added urea-formaldehyde  
\*No added urea-formaldehyde must be specified.

**Blocking Reinforcement Options:**  
available at additional cost for undercutting and specialized hardware. Blocking recommended for Extra Heavy Duty Doors using surface mounted hardware.



**LEED Version 3 Credit Assistance**

Recycled Material MR 4: 1-2 points	X
Regional Material MR 5: 1-2 points	X
Rapidly Renewable Materials MR 6	X
Low-Emitting Material EQ 4.4*	X

Credit assistance available for multiple LEED rating systems

**WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR**

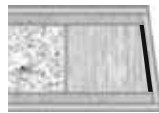
**DOOR FEATURES:**

**Finish Type:** Woodgrains, Solid Colors & Patterns

**Laminate Match:** Horizontal grade - standard (HGS)

**Vertical Edges:**

(visible surface) Same as face material laminated (-3) with edge-before-face construction.  
Optional edges are: unfinished (-1), finished at factory (-2), and painted at factory (-4) with a mill option hardwood edges for staining or painting.



**Cutouts:** 5" minimum distance from door edge and the minimum distance between lite and lock cut out for 20-minute is 3-5/16"

**Standard Bevel:** 1/8" in 2"

**Clearances:** 1/8" top, 1/8" lock and hinge stiles.  
See NFPA-80 6.3.1.7, 2007 edition, for bottom clearances.

**Security Rating:** Class 40 (highest rating possible)

**STC Rating:** STC 30 available, 20-minute only, gasketing and door sweep required.

**Screw Holding and Split Resistance:**

Refer to July 31, 2008 Customer Service Update #CS119F  
(www.vtindustries.com/doors/updates.aspx)

**DOOR STANDARDS:**

• ANSI/WDMA I.S. 1-A and AWS Section 9 Quality Standards (Bonded Core). UBC 7-2-1997, Parts I and II. IBC 2000. UL 10-C.

• Top and bottom rails of door shall be factory sealed.

• Doors shall be clad in horizontal grade standard high pressure decorative laminate, meeting or exceeding NEMA Standard LD3, Type HGS, with Type 1 adhesive containing no added urea-formaldehyde. Standard colors and patterns may be selected, or custom colors and patterns can be specified at additional cost.

• Positive pressure 20- or 45-minute Intertek/Warnock Hersey fire labels shall be available within size and usage limitations. Fire-rated doors must use approved lite frames. Louvers are prohibited in 20-minute fire doors.

• Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Beige powder coated steel lite frames shall be furnished for lite openings unless otherwise specified for 20-minute only.

• Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer's templates and approved shop drawings.

• Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.